

universal zenith

remote

4

Operates up to
4 products

TV
VCR
Cable Box
2nd TV or
VCR

Direct
Access
Keypad

Replace
Lost or
Broken
Remotes

Code
Search
Set-Up

Easy To
Program
and Use



V I D E O ZEN400



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Introduction

Congratulations on your purchase of Zenith Universal Remote Control ZEN400.

Zenith Universal Remote allows you to replace a broken or lost remote or to combine more than one remote into one.

This remote control operates the common features of most but not all models and brands of IR Infrared Controlled Video Equipment.

This remote may provide functions that are not available on your equipment. Some functions of your particular equipment (e.g. menu functions) may not be controlled by this remote. In such cases, use the original remote control for your equipment.

Please use this manual to become familiar with your Zenith Universal Remote.

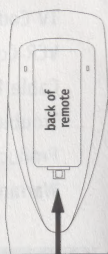
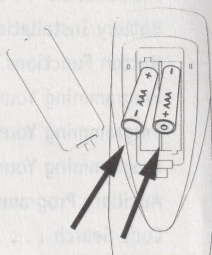
After you are familiar with your remote the first thing you need to do is to add batteries and program your remote to your particular product and brand. See table of contents above.

Thank you for buying a Zenith remote and we hope it will give you many years of service.

Battery Installation

Your ZEN400 Universal Remote requires two new AAA alkaline batteries. To install the batteries:

1. On the back of the remote, push down on the tab and lift the cover off.
2. Match the batteries to the + and - marks inside the battery case, then insert the batteries.
3. Press the battery cover back into place.



Battery Saver

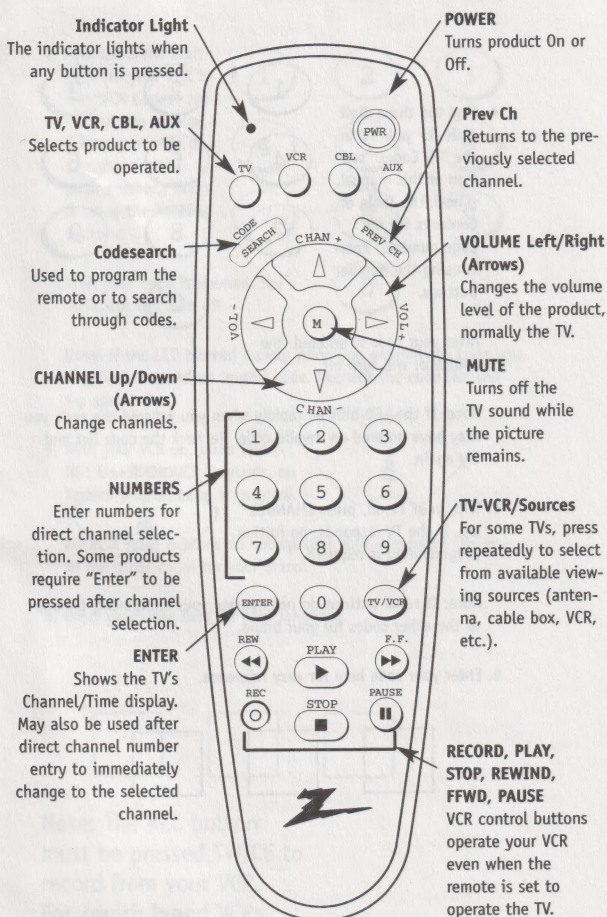
Your Zenith remote will automatically "time-out" if the keys are depressed more than two minutes. This will save your batteries should your remote get stuck in a place where the keys remain depressed (e.g., between the sofa cushions).

Code Saver (Important)

You will have up to 90 seconds to change the batteries in your remote without losing codes you have programmed. However, **do not** press any buttons until batteries are secured in the remote. If buttons are pressed without batteries in the remote, **all codes will be lost.**

Button Functions

Some buttons on the remote control might have functions that are referred to by different names on your product. For example, "Prev. Ch." may be called "RECALL" or "ENTER" may be called "DISPLAY." These differences depend on the brand and model of your product. Also, this remote can only operate features that exist on your product. For example, your product must be equipped with "Prev. Ch." ability for the "Prev. Ch." button to operate this feature.



Note: The REC button must be pressed **TWICE** to record from your VCR. For Zenith brand VCRs, press the REC button once, then press it **again** for **three seconds**.

Programming Your TV

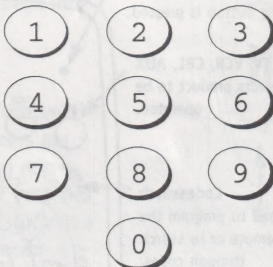
1. Manually turn on the TV.
2. Press and hold the CODE SEARCH button until the Indicator Light lights, then release the CODE SEARCH button.



3. Press and release the TV button (the Indicator Light will blink and then remain lit).



4. Find the three digit code for your TV in the "TV Codes" section of this manual. (Check the Table of Contents for the page number.) Enter it using the Number Buttons.



After your code is entered, the Indicator will turn off.

Note: If the LED blinked rapidly when you entered the code you may have entered an invalid code. Recheck the code list and try again.

5. With your TV on, press CHANNEL Up. If the TV responds, no further programming is required.



Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

6. Enter your code here for easy reference.

| | | |
|--|--|--|
| | | |
|--|--|--|

Programming Your VCR

1. Manually turn on the VCR.

2. Press and hold the CODE SEARCH button until the Indicator Light lights, then release the CODE SEARCH button.



3. Press and release the VCR button (the Indicator Light will blink and then remain lit).



4. Find the three digit code for your VCR in the "VCR Codes" section of this manual. (Check the Table of Contents for the page number.) Enter it using the Number Buttons.



After your code is entered, the Indicator will turn off.



Note: If the LED blinked rapidly when you entered the code you may have entered an invalid code. Recheck the code list and try again.

5. With your VCR on, press CHANNEL Up. If the VCR responds, no further programming is required.



Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

6. Enter your code here for easy reference.

Note: The REC button must be pressed **TWICE** to record from your VCR. For Zenith brand VCRs, press the REC button once, then press it **again** for **three seconds**.

Programming Your Cable Box

1. Manually turn on the Cable Box.

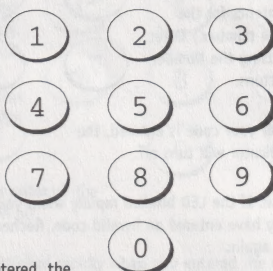
2. Press and hold the CODE SEARCH button until the Indicator Light lights, then release the CODE SEARCH button.



3. Press and release the CBL button (the Indicator Light will blink and then remain lit).



4. Find the three digit code for your Cable Box in the "Cable Box Codes" section of this manual. (Check the Table of Contents for the page number.) Enter it using the Number Buttons.



After your code is entered, the Indicator will turn off.

Note: If the LED blinked rapidly when you entered the code you may have entered an invalid code. Recheck the code list and try again.



5. With your Cable Box on, press CHAN-NEL Up. If the Box responds, no further programming is required.

Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

6. Enter your code here for easy reference.

| | | |
|--|--|--|
| | | |
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Auxiliary Programming

Aux button allows you to assign another TV, VCR or Cable Box to be controlled.

1. Manually turn on the device you wish to program.

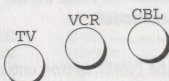
2. Press and hold the CODE SEARCH button until the Indicator Light lights, then release the CODE SEARCH button.



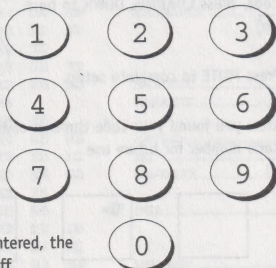
3. Press and release the AUX button (the Indicator Light will blink and then remain lit).



4. Press and release the Mode button (TV, VCR, CBL) corresponding to the device to be controlled.



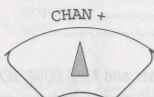
5. Find the three digit code for your device from the code list in this manual and enter it using the Number Buttons.



After your code is entered, the Indicator will turn off.

Note: If the LED blinked rapidly when you entered the code you may have entered an invalid code. Recheck the code list and try again.

6. With your device on, press CHANNEL Up. If the Box responds, no further programming is required.



Note: If some buttons do not operate your equipment, try one of the other codes for your brand.

7. Enter your code here for easy reference.

Programming with Code Search

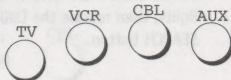
If your code for your TV, VCR, or Cable Box is not listed, try the following procedure to find the code for your device.

1. Manually turn on the device you wish to program.

2. Press and hold the CODE SEARCH button until the Indicator Light turns on, then release the CODE SEARCH button.



3. Press TV, VCR, or CBL (depending on which device you wish to program.) The Indicator Light will blink again then remain lit.



- 3a. For Auxiliary devices Press and release AUX button then press and release the mode button corresponding to the device type to be controlled.

4. Press the POWER button until the device shuts off, this may take up to 300 tries. (If you skip over a code, press CHANNEL DOWN to back up)



5. Press MUTE to complete setup.



6. After you found your code through code search identify your code number for future use

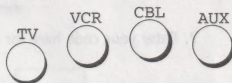
| | | |
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| | | |
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Code Identification

1. Press and hold CODE SEARCH until Indicator Light turns on. Release CODE SEARCH button.



2. Press and release desired Mode button (TV, VCR, CBL, AUX). Indicator Light will blink once to indicate key-press acceptance.



3. Press and release the CODE SEARCH button. Indicator Light will blink off to indicate key-press acceptance.

4. To find the first digit, press the numeric keys from 0 to 9. when the Indicator Light blinks off, this is the first stored digit. Repeat to find the second digit.
5. To find the third digit, repeat step four. This time the Indicator Light will remain off once the key corresponding to the third digit is pressed.
6. Enter the code number on the proper page.

TV Codes

| | | | |
|-----------------------|-----|-----|-----|
| ADMIRAL | 701 | 918 | |
| ADVENTURA | 019 | 117 | |
| AIKO | 203 | | |
| ALLERON | 206 | | |
| AKAI | 801 | | |
| AMARK | 720 | | |
| AMSTRAD | 520 | | |
| ANAM NATIONAL | 104 | 805 | 901 |
| | 902 | 906 | |
| AOC | 002 | 003 | 102 |
| | 119 | 217 | 302 |
| | 502 | | |
| ARCHER | 603 | | |
| AUDIOVOX | 906 | | |
| BELCOR | 002 | | |
| BELL & HOWELL | 506 | 601 | 701 |
| BRADFORD | 906 | | |
| BROKSONIC | 215 | | |
| BROKWOOD | 002 | | |
| CANDLE | 002 | 019 | 402 |
| | 502 | | |
| CAPEHART | 119 | | |
| CELEBRITY | 801 | | |
| CENTURION | 502 | | |
| CITIZEN | 002 | 019 | 112 |
| | 203 | 319 | 402 |
| | 502 | 512 | 701 |
| | 805 | 906 | |
| CLAIRTONE | 003 | | |
| CLASSIC | 805 | | |
| CLP CLASSIC | 011 | 090 | 098 |
| COLORTYPE | 002 | 502 | 602 |
| CONCERTO | 002 | 502 | |
| CONTEC/CONY | 003 | 502 | 702 |
| | 802 | 805 | 902 |
| | 906 | | |
| CRAIG | 805 | 906 | |
| CROWN | 502 | 805 | 906 |
| CURTIS MATHES | 002 | 103 | 112 |
| | 502 | 506 | 512 |
| | 601 | 701 | |
| CXC | 805 | 906 | |
| DAEWOO | 002 | 102 | 110 |
| | 203 | 214 | 221 |
| | 303 | 311 | 314 |
| | 403 | 407 | 502 |
| | 503 | 505 | 512 |
| | 805 | | |
| DAYTRON | 002 | 502 | |
| DUMONT | 002 | 713 | |
| DYNATECH | 419 | | |
| ELEKTRA | 701 | | |
| ELECTROBAND | 003 | 801 | |
| ELECTROHOME | 002 | 102 | 502 |
| | 803 | 901 | |
| EMERSON | 002 | 003 | 004 |
| | 005 | 006 | 014 |
| | 104 | 105 | 106 |
| | 204 | 205 | 206 |
| | 221 | 304 | 305 |
| | 319 | 405 | 502 |
| | 505 | 506 | 519 |
| | 604 | 605 | 704 |
| | 705 | 804 | 805 |
| | 903 | 904 | 905 |
| | 906 | 913 | |
| FISHER | 506 | 606 | 619 |
| | 902 | | |
| FUJITSU | 206 | | |
| FUNAI | 206 | 805 | 906 |
| FUTURETECH | 805 | 906 | |
| GE | 002 | 007 | 018 |
| | 107 | 310 | 318 |
| | 502 | 601 | 719 |
| | 803 | 806 | 901 |
| GIBRALTER | 002 | 713 | |
| GOLDSTAR | 002 | 102 | 117 |
| | 207 | 217 | 307 |
| | 502 | 713 | 818 |
| | 916 | | |
| GRUNDY | 206 | 502 | 906 |
| HALLMARK | 002 | 502 | |
| HARVARD | 906 | | |
| HITACHI | 002 | 016 | 116 |
| | 216 | 310 | 315 |
| | 415 | 502 | 507 |
| | 515 | 519 | 607 |
| | 615 | 701 | 702 |
| | 707 | 715 | 815 |
| | 902 | 915 | |
| IMA | 906 | | |
| INFINITY | 807 | | |
| INTEQ | 713 | | |
| JANEL | 019 | | |
| JEL | 807 | | |
| JCB | 801 | | |
| JC PENNY | 002 | 007 | 102 |
| | 112 | 310 | 402 |
| | 414 | 502 | 512 |
| | 601 | 719 | 803 |
| | 806 | 818 | 907 |
| JENSEN | 002 | 502 | |
| JVC | 007 | 108 | 208 |
| | 308 | 417 | 502 |
| | 510 | 517 | 607 |
| | 702 | 902 | |
| KAWASHO | 002 | 502 | 801 |
| KAYPANI | 119 | | |
| KEC | 805 | | |
| KENWOOD | 002 | 502 | |
| KLOSS NOVABEAM | 019 | 408 | 508 |
| KTV | 003 | 319 | 502 |
| | 608 | 805 | 906 |
| LODGENET | 601 | 701 | |
| LOGIK | 601 | 701 | |
| LUXMAN | 002 | 502 | |
| LXI | 117 | 502 | 506 |
| | 512 | 601 | 719 |
| | 807 | | |
| MEGATRON | 502 | 507 | |
| MAGNAVOX | 002 | 009 | 109 |
| | 209 | 309 | 402 |
| | 408 | 502 | 508 |
| | 510 | 807 | 914 |
| MAJESTIC | 601 | 701 | |
| MARANTZ | 002 | 502 | 409 |
| | 807 | | |
| MATSUI | 807 | | |
| MEI | 003 | | |
| MEMOREX | 102 | 502 | 506 |
| | 601 | 701 | |
| MGA | 002 | 102 | 206 |
| | 502 | 509 | 619 |
| | 803 | | |
| MIDLAND | 007 | 502 | 713 |
| | 719 | 818 | |
| MITSUBISHI | 002 | 102 | 114 |
| | 206 | 502 | 509 |
| | 510 | 619 | 709 |
| | 803 | | |
| MONTGOMERY WARD | 601 | 701 | |
| MOTOROLA | 901 | 918 | |
| MTC | 002 | 003 | 102 |
| | 112 | 419 | 502 |
| | 512 | | |
| MULTITECH | 419 | 906 | |
| MULTIVISION | 010 | | |
| NAD | 120 | 502 | 512 |
| NEC | 002 | 102 | 110 |
| | 111 | 502 | 510 |
| | 602 | 901 | |
| NIKEI | 805 | | |
| NIKKO | 203 | 502 | |
| NTC | 203 | | |
| ONWA | 805 | 906 | |
| OPTIMUS | 120 | 618 | |
| OPTONICA | 111 | 918 | |
| ORION | 105 | | |
| PANASONIC | 007 | 516 | 618 |
| | 807 | 901 | |
| PHILCO | 002 | 009 | 102 |
| | 109 | 309 | 402 |
| | 408 | 502 | 508 |
| | 807 | 901 | |
| PHILIPS | 002 | 009 | 109 |
| | 202 | 209 | 221 |
| | 310 | 402 | 408 |
| | 502 | 508 | 510 |
| | 807 | 901 | |
| PIONEER | 002 | 103 | 120 |
| | 502 | 519 | 810 |
| PORTLAND | 002 | 102 | 203 |
| | 502 | | |
| PRICE CLUB | 112 | | |
| PRISM | 007 | | |
| PROSCAN | 601 | 719 | |
| PROTON | 002 | 119 | 220 |
| | 502 | 910 | |
| PULSAR | 002 | 713 | |
| QUASAR | 007 | 011 | 608 |

| | | | | | | | |
|-----------------------|-----|-----|-----|------------------|-----|-----|-----|
| | 901 | | | STARLITE | 906 | | |
| RADIO SHACK/REALISTIC | 002 | 111 | 117 | SUPRE-MACY | 019 | | |
| | 221 | 502 | 506 | SUPREME | 801 | | |
| | 601 | 618 | 702 | SYLVANIA | 002 | 009 | 109 |
| | 705 | 805 | 818 | | 117 | 209 | 309 |
| | 906 | | | | 402 | 408 | 502 |
| RCA | 002 | 102 | 211 | | 508 | 717 | 807 |
| | 302 | 320 | 402 | SYMPHONIC | 117 | 520 | 904 |
| | 406 | 411 | 502 | | 906 | | |
| | 511 | 514 | 519 | TANDY | 918 | | |
| | 601 | 711 | 719 | TATUNG | 419 | 901 | |
| | 811 | 901 | 911 | TECHNICS | 007 | | |
| RUNCO | 713 | | | TECHWOOD | 002 | 007 | 502 |
| SAMSUNG | 002 | 102 | 103 | TEKNIKA | 002 | 019 | 102 |
| | 112 | 212 | 502 | | 112 | 203 | 206 |
| | 512 | 702 | 818 | | 209 | 402 | 502 |
| | 908 | | | 512 | 601 | 618 | 701 |
| SANSUI | 215 | | | | 805 | 902 | 906 |
| SANYO | 002 | 312 | 412 | TELERENT | 601 | 701 | |
| | 506 | 619 | 902 | TERA | 220 | | |
| SCOTCH | 502 | | | TMK | 002 | 502 | |
| SCOTT | 002 | 004 | 105 | TOSHIBA | 112 | 313 | 413 |
| | 206 | 502 | 805 | | 506 | 510 | 512 |
| | 906 | | | | 902 | | |
| SEARS | 002 | 112 | 221 | TOTEVISION | 502 | | |
| | 206 | 208 | 502 | UNIVERSAL | 310 | 806 | |
| | 506 | 512 | 520 | VICTOR | 208 | 607 | |
| | 601 | 612 | 619 | VIDTECH | 002 | 102 | 502 |
| | 719 | 902 | | VIKING | 019 | | |
| SHARP | 002 | 013 | 111 | WARDS | 002 | 004 | 009 |
| | 502 | 712 | 812 | | 102 | 109 | 111 |
| | 813 | 918 | | | 206 | 209 | 310 |
| SHOGUN | 002 | | | | 408 | 502 | 508 |
| SIGNATURE | 601 | 701 | 903 | | 513 | 601 | 613 |
| SIMPSON | 402 | | | | 701 | 806 | 807 |
| SONIC | 003 | | | XR-1000 | 117 | 701 | |
| SONY | 202 | 801 | | YAMAHA | 002 | 102 | 502 |
| SOUNDESIGN | 002 | 206 | 402 | ZENITH | 008 | 117 | 311 |
| | 502 | 805 | 905 | | 405 | 407 | 512 |
| SQUAREVIEW | 520 | | | | 601 | 701 | 713 |
| SSS | 002 | 805 | 906 | | 916 | | |

VCR Codes

| | | | | | | |
|----------------------|-----|-----|-----|-----------------------|-----|-----|
| ADMIRAL | 731 | | | 135 | 136 | 138 |
| ADVENTURA | 234 | 831 | | 142 | 232 | 234 |
| AIKO | 334 | | | 235 | 243 | 335 |
| AIWA | 234 | 831 | | 336 | 435 | 534 |
| AKAI | 032 | 132 | 232 | 535 | 634 | 635 |
| | 432 | 534 | 742 | 637 | 734 | 735 |
| | 842 | 931 | | 831 | 832 | 834 |
| ALLEGRO | 042 | 433 | 833 | 835 | 934 | 935 |
| AMERICAN HIGH | 637 | | | FISHER | 436 | 532 |
| ASHA | 932 | | | | 636 | 732 |
| AUDIO DYNAMICS | 532 | 632 | | | 837 | 933 |
| AUDIOVOX | 033 | | | FUJI | 032 | 637 |
| BELL & HOWELL | 732 | | | FUNAI | 234 | 831 |
| BEAUMARK | 932 | | | GARRARD | 234 | |
| BROKSONIC | 134 | 140 | 832 | GE | 143 | 631 |
| CALIX | 033 | | | | 643 | 932 |
| CANDLE | 033 | 133 | 233 | GOLDSTAR | 033 | 037 |
| | 333 | 532 | 533 | | 532 | 743 |
| | 932 | | | GRADIENTE | 234 | |
| CANON | 043 | 443 | 637 | HARLEY DAVIDSON | 234 | |
| CAPEHART | 042 | 642 | | HARMAN KARDON | 438 | 532 |
| CARVER | 837 | | | HARWOOD | 737 | |
| CCE | 334 | 737 | | HEADQUARTER | 732 | |
| CITIZEN | 033 | 133 | 233 | HITACHI | 137 | 237 |
| | 333 | 334 | 532 | | 342 | 643 |
| | 533 | 932 | | | 831 | 843 |
| COLORTYME | 532 | | | HI-Q | 933 | |
| CRAIG | 033 | 737 | 932 | INSTANT REPLAY | 637 | |
| | 933 | | | INTEQ | 033 | |
| CURTIS-MATHES | 034 | 143 | 233 | JCL | 637 | |
| | 532 | 631 | 637 | JC PENNEY | 033 | 137 |
| | 831 | 932 | | | 342 | 532 |
| DAEWOO | 033 | 133 | 134 | | 637 | 732 |
| | 234 | 334 | 434 | | 143 | 443 |
| | 533 | 642 | | JENSEN | 742 | 742 |
| DAYTRON | 642 | | | JVC | 532 | 632 |
| DBX | 532 | 632 | | | 742 | 833 |
| DYNATECH | 234 | 831 | | KENWOOD | 233 | 532 |
| ELECTROHOME | 033 | 534 | | | 732 | 742 |
| ELECTROPHONIC | 033 | | | KLH | 737 | 744 |
| EMERSON | 033 | 034 | 035 | KODAK | 033 | 637 |
| | 036 | 133 | 134 | LLOYD | 234 | 831 |

| | | | | | | | |
|----------------------------|-----|-----|-----|-----------------------|-----|-----|-----|
| LOGIK | 737 | | | RICOH | 444 | | |
| IXI | 033 | 831 | | RUNCO | 042 | | |
| MAGNAVOX | 042 | 044 | 443 | SAMSUNG | 045 | 132 | 133 |
| | 442 | 637 | 837 | | 842 | 932 | 934 |
| | 937 | | | | 936 | | |
| MARANTZ | 038 | 043 | 233 | SANSUI | 135 | 140 | 632 |
| | 532 | 632 | 637 | | 742 | 943 | |
| | 732 | 837 | | SANYO | 732 | 932 | 933 |
| MASUSHITA | 637 | | | SCOTT | 133 | 134 | 138 |
| MEI | 637 | | | | 243 | 435 | 832 |
| MEMOREX | 033 | 042 | 234 | | 834 | 940 | |
| | 637 | 731 | 732 | SEARS | 033 | 137 | 237 |
| | 831 | 842 | 932 | | 342 | 436 | 443 |
| | 933 | 935 | | | 536 | 636 | 637 |
| MGA | 138 | 534 | | | 732 | 837 | 933 |
| MGN TECHNOLOGY | 932 | | | SHARP | 139 | 333 | 534 |
| MIDLAND | 936 | | | | 731 | 831 | |
| MINOLTA | 137 | 237 | 342 | SHINTOM | 032 | 237 | 444 |
| MITSUBISHI | 039 | 137 | 138 | | 737 | 844 | |
| | 237 | 238 | 438 | SHOGUN | 932 | | |
| | 534 | 538 | 638 | SIGNATURE | 831 | | |
| | 738 | 835 | 938 | SINGER | 637 | 737 | |
| | 943 | | | SONY | 032 | 444 | 541 |
| MONTGOMERY WARD | 139 | 731 | | STS | 342 | 637 | |
| MOTOROLA | 637 | 731 | | SYLVANIA | 044 | 138 | 143 |
| MTC | 234 | 831 | 932 | | 234 | 637 | 831 |
| MULTITECH | 234 | 737 | 831 | | 837 | 937 | |
| | 932 | 936 | | SYMPHONIC | 234 | 831 | |
| NEC | 038 | 233 | 239 | TANDY | 732 | 831 | |
| | 339 | 439 | 532 | TASHIKO | 033 | | |
| | 539 | 632 | 732 | TATUNG | 742 | | |
| | 742 | 943 | | TEAC | 140 | 234 | 742 |
| NIKKO | 033 | | | | 831 | | |
| OLYMPUS | 637 | | | TECHNICS | 542 | 637 | |
| OPTIMUS | 033 | 245 | 345 | TEKNIKA | 033 | 234 | 544 |
| | 542 | 731 | | | 637 | 641 | 831 |
| OPTONICA | 045 | 139 | | TOSHIBA | 133 | 137 | 138 |
| PANASONIC | 143 | 144 | 244 | | 243 | 536 | 837 |
| | 344 | 542 | 637 | | 940 | | |
| PENTAX | 137 | 233 | 237 | TOTEVSION | 033 | 932 | |
| | 342 | 532 | 643 | TMK | 034 | 336 | 932 |
| PHILCO | 143 | 637 | 837 | UNITECH | 932 | | |
| | 937 | | | VECTOR RESEARCH | 133 | 233 | 532 |
| PHILIPS | 044 | 139 | 637 | | 632 | | |
| | 837 | | | VICTOR | 632 | | |
| PILOT | 033 | | | VIDEO CONCEPTS | 133 | 233 | 532 |
| PIONEER | 137 | 632 | 639 | | 534 | 632 | |
| | 739 | 943 | | VIDEOSONIC | 932 | | |
| PORTLAND | 033 | 233 | 533 | WARDS | 033 | 133 | 137 |
| | 642 | | | | 139 | 234 | 237 |
| PROSCAN | 631 | | | | 243 | 342 | 534 |
| PROTEC | 737 | | | | 637 | 731 | 737 |
| PULSAR | 042 | | | | 741 | 831 | 932 |
| QUARTER | 732 | | | | 933 | | |
| QUARTZ | 732 | | | XR-1000 | 234 | 637 | 737 |
| QUASAR | 143 | 144 | 637 | | 831 | | |
| RCA | 040 | 137 | 140 | YAMAHA | 532 | 632 | 732 |
| | 143 | 144 | 237 | | 742 | | |
| | 240 | 340 | 342 | ZENITH | 032 | 033 | 042 |
| | 440 | 540 | 631 | | 140 | 334 | 433 |
| | 637 | 640 | 643 | | 444 | 831 | 833 |
| | 743 | 839 | 931 | | 943 | | |
| | 932 | 939 | | | | | |
| RADIOSHACK/REALISTIC | 033 | 139 | 143 | | | | |
| | 234 | 245 | 345 | | | | |
| | 445 | 534 | 536 | | | | |
| | 542 | 631 | 636 | | | | |
| | 637 | 731 | 732 | | | | |
| | 831 | 842 | 932 | | | | |
| | 933 | | | | | | |

Cable Boxes

| | | | | | | | |
|--------------------|-----|-----|-----|--------------------------|-----|-----|-----|
| ABC | 052 | 152 | 252 | GARRARD | 752 | | |
| | 352 | 751 | 851 | GC ELECTRONICS | 552 | | |
| | 951 | | | GEMINI | 453 | 553 | |
| ALLEGRO | 058 | 158 | 752 | GENERAL INSTRUMENT | 054 | 152 | 657 |
| AMERICAST | 358 | | | | 751 | 951 | |
| ANTRONIX | 452 | 552 | | HAMLIN | 653 | 753 | 853 |
| ARCHER | 452 | 552 | 652 | HITACHI | 951 | | |
| | 752 | | | HYTEK | 851 | | |
| CABLETENNA | 452 | | | JASCO | 752 | | |
| CABLEVIEW | 452 | | | JERROLD | 052 | 054 | 152 |
| CENTURY | 752 | | | | 352 | 453 | 556 |
| CITIZEN | 752 | | | | 557 | 656 | 657 |
| COLOUR VOICE | 852 | 952 | | | 751 | 951 | |
| COMTRONICS | 053 | 153 | | MAGNAVOX | 154 | | |
| CONTEC | 253 | | | MEMOREX | 254 | | |
| EASTERN | 353 | | | MOVIE TIME | 354 | 851 | |

| | | | | | | |
|--------------------------|-----|-----|---------------|----------------------|-----|---------|
| NSC | 354 | 851 | STARCOM | 352 | 453 | 751 |
| OAK | 253 | 554 | 851 | STARGATE | 053 | 453 |
| PANASONIC | 456 | 756 | 651 | STARQUEST | 453 | |
| PARAGON | 254 | | | STAR TRAK | 257 | |
| PHILIPS | 154 | 553 | 654 | TANDY | 655 | |
| | 752 | 754 | 852 | TELEVIEW | 053 | |
| | 854 | 952 | | TEXSCAN | 555 | |
| PIONEER | 055 | 954 | | TOCOM | 052 | 657 755 |
| PULSAR | 254 | | | TOSHIBA | 254 | |
| RADIO SHACK | 156 | 752 | | TUSA | 453 | |
| RCA | 356 | 651 | | TV86 | 354 | |
| REALISTIC | 552 | | | UNIKA | 452 | 552 752 |
| REGAL | 853 | | | UNITED ARTISTS | 851 | |
| REGENCY | 353 | | | UNITED CABLE | 751 | |
| REMBRANDT | 951 | | | UNIVERSAL | 058 | 452 552 |
| RUNCO | 254 | | | | 652 | 752 855 |
| SAMSUNG | 053 | | | VIDEOWAY | 056 | |
| SCIENTIFIC ATLANTA | 057 | 252 | 255 | VIEWSTAR | 153 | 154 354 |
| | 355 | 455 | 457 | | 655 | |
| | 657 | 956 | | ZENITH | 254 | 357 454 |
| SIGNAL | 053 | 453 | | | 457 | 557 657 |
| SIGNATURE | 951 | | | | 757 | 857 955 |
| SPRUCER | 651 | | | | 957 | 024 |
| STANDARD COMPNTS | 555 | | | | | |

Troubleshooting

Problem

Possible Solutions

Remote does not operate your product.

- Press the button of the product you want to control.
- Program remote with a new code.
- Install new batteries. Remote may not be compatible with your product.

Remote doe not operate some features of your product.

- Program remote with a new code.
- Remote may not be able to operate all features of your product.

Indicator light blinks after you program a product code.

- Remote did not accept the code.
- Try to program the code again or try a different code

For added assistance on programming.

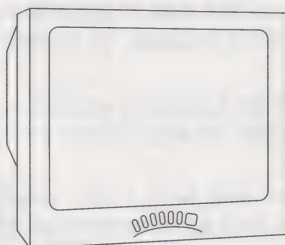
Email: support@zenithaccessories.com

Phone : (330) 593-3364

Product Operation

After the batteries are installed and you have programmed the remote for the codes that operate your products, you can use your remote to operate a TV, VCR or Cable Box.

TV
Press
TV First



VCR



Press **VCR**
First

VCR



Cable Box



Press **CBL**
First

CBL



Second VCR



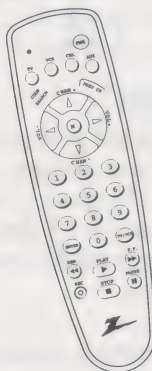
Press
AUX First

AUX



To Operate:

1. Press the TV, VCR, CBL or AUX button (depending on which product you wish to operate).
2. Aim the remote at the product.
3. Press POWER to turn on the product.
4. Press other buttons to operate the features of your product.



Limited Warranty and FCC Regulations

LIMITED WARRANTY

If this product should prove defective in workmanship or material, and is returned to the selling dealer within 90 (ninety) days from the date of original purchase at retail, it will be repaired or replaced, at Zenith's option, without charge.

DAMAGE CAUSED BY ACCIDENT, MISUSE, ABUSE, INSTALLATION, ALTERATION OR NEGLIGENCE IS NOT COVERED BY THIS WARRANTY.

Such replacement shall be the sole remedy of the consumer and there shall be no liability on the part of the manufacturer, distributor or seller for any loss or damage, direct, indirect or consequential or otherwise, arising out of the use of, or inability to use this product. No units will be accepted for return without proof of purchase, all packaging and operating guides. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ZENITH SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS IN CONNECTION WITH THE PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.**

Customer Service Department,
Zenith Electronics Corporation,
201 James Record Rd
Huntsville, AL 35824

WARNING

This equipment generates and uses radio frequency energy. If not used properly, it may cause interference to radio and TV signals. It has been tested and found to comply with the FCC limits for a Class B computing device, which require reasonable protection against such interference.

However, there is no guarantee that interference will not occur. If this equipment does cause interference to radio or TV reception, try the following:

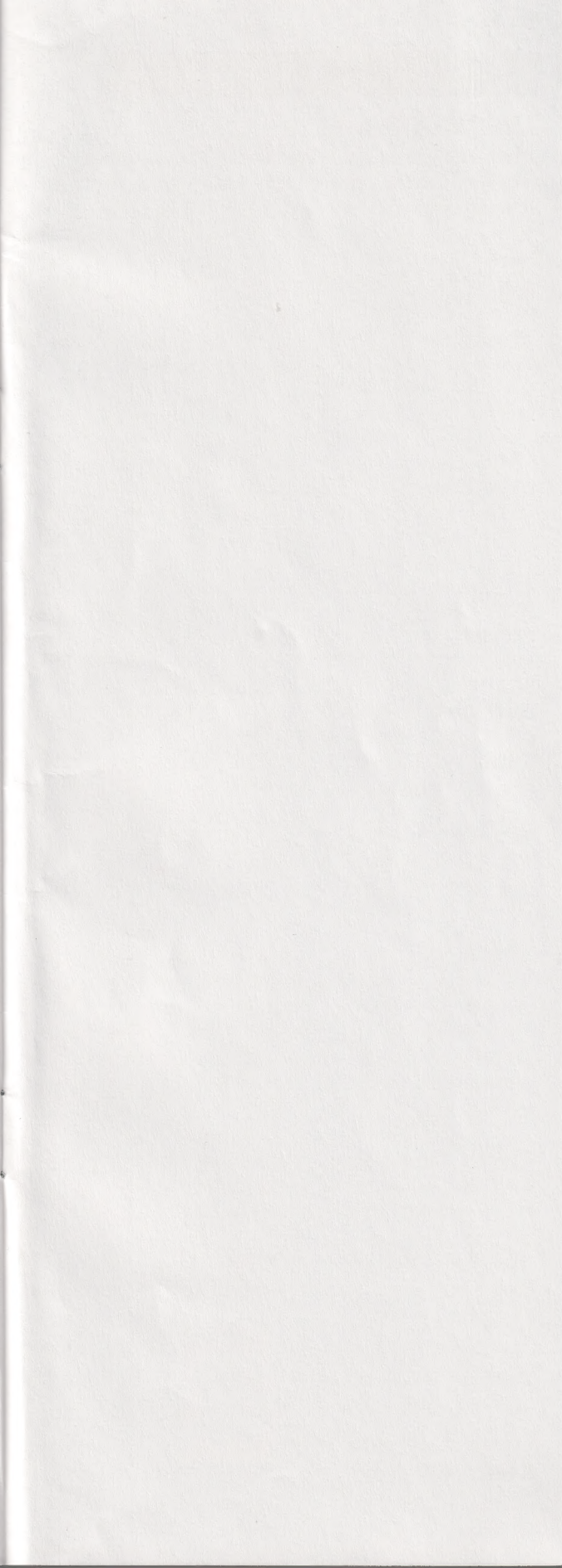
- Re-orient the receiving antenna.
- Move the remote control further away from the receiver.
- If necessary, consult your dealer or an experienced radio/television technician for additional suggestions.

Changes or modifications to this transmitter may void the user's authority under FCC rules to operate this unit.

Zenith Electronics Corporation
www.zenith.com

206-3475

zen400-77_s&k989a
080301



LIMITED WARRANTY

If this product should prove defective in workmanship or material, and is returned to the selling dealer within 90 (ninety) days from the date of original purchase at retail, it will be repaired or replaced, at Zenith's option, without charge.

DAMAGE CAUSED BY ACCIDENT, MISUSE, ABUSE, INSTALLATION, ALTERATION OR NEGLIGENCE IS NOT COVERED BY THIS WARRANTY.

Such replacement shall be the sole remedy of the consumer and there shall be no liability on the part of the manufacturer, distributor or seller for any loss or damage, direct, indirect or consequential or otherwise, arising out of the use of, or inability to use this product. No units will be accepted for return without proof of purchase, all packaging and operating guides. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITH OUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. AND ZENITH SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS IN CONNECTION WITH THE PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS, OR EXCLUSIONS MAY NOT APPLY TO YOU.

Customer Service Department,
Zenith Electronics Corporation,
201 Jan-44 Record Rd.
Huntsville, AL 35824

WARNING

This equipment generates and uses radio frequency energy. If not used in proper manner, it may cause interference to radio and TV signals. It has been tested and found to comply with the FCC limits for a Class B computing device, which require reasonable protection against such interference.

However, there is no guarantee that interference will not occur. If this equipment does cause interference to radio or TV reception, by the following:

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- Move the remote control further away from the receiver.
- If necessary, consult your dealer or an experienced radio/television technician for additional suggestions.

Changes or modifications to this transmitter may void the user's authority under FCC rules to operate this unit.

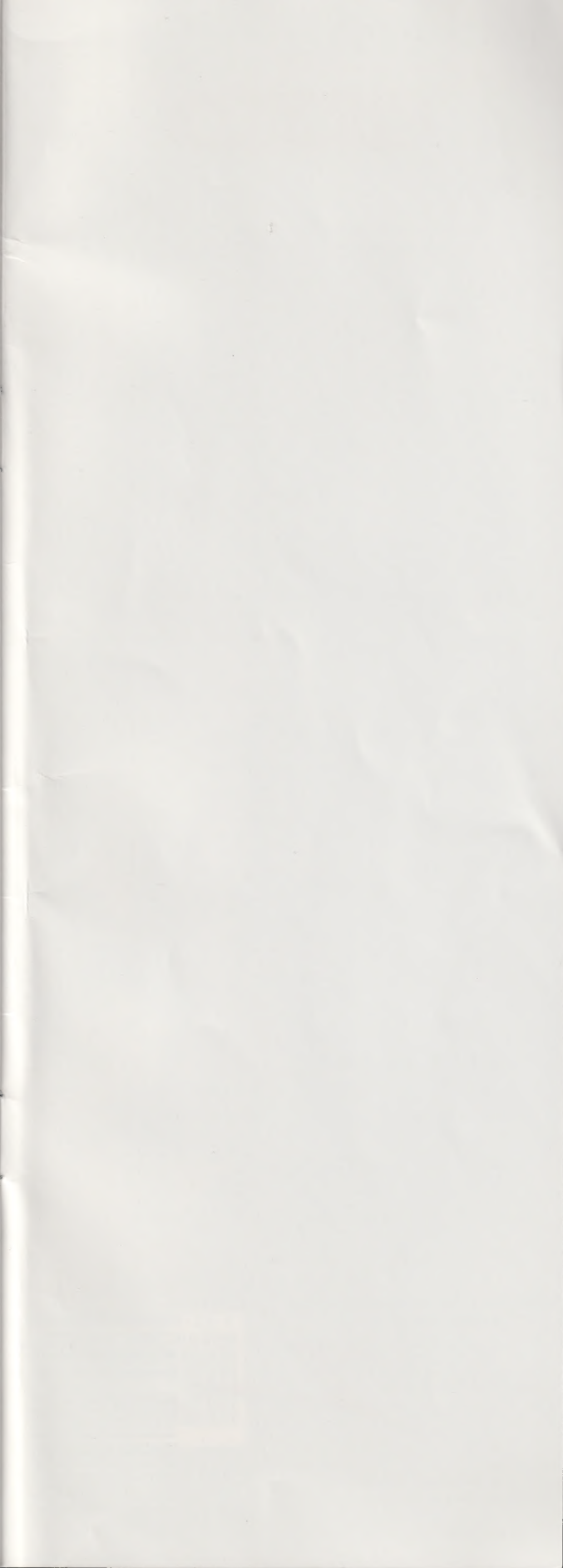
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204-0075

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Page 10



universal

4

remote

Direct Channel Access
with mute and enter button

Code Search
Scans the entire library to find the right code for your TV, VCR or Cable Box

Code Saver
When changing batteries

This remote control is compatible with most models of the following brands
with infrared controlled components manufactured after 1981

tvs

| | | | | | |
|---------------|---------------|----------------|-------------|-------------|------------|
| ADMIRAL | CONCERTO | IMA | MEMOREX | PRISM | SUPRE-MACY |
| ADVENTURA | CONTEC/CONY | INFINITY | MGA | PROSCAN | SUPREME |
| AIKO | CRAIG | INTEQ | MIDLAND | PROTON | SYLVANIA |
| ALLERON | CROWN | JANEIL | MITSUBISHI | PULSAR | SYMPHONIC |
| AKAI | CURTIS MATHES | JBL | MONTGOMERY/ | QUASAR | TANDY |
| AMARK | CXC | JCB | WARD | RADIO SHACK | TATUNG |
| AMSTRAD | DAEWOO | JC PENNY | MOTOROLA | RCA | TECHNICS |
| ANAM NATIONAL | DAYTRON | JENSEN | MTC | REALISTIC | TECHWOOD |
| AOC | DUMONT | JVC | MULTITECH | RUNCO | TEKNIKA |
| ARCHER | DYNATECH | KAWASHO | MULTIVISION | SAMSUNG | TELERENT |
| AUDIOVOX | ELEKTRA | KAYPANI | NAD | SANSUI | TERA |
| BELCOR | ELECTROBAND | KEC | NEC | SANYO | TMK |
| BELL & HOWELL | ELECTROHOME | KENWOOD | NIKEI | SCOTCH | TOSHIBA |
| BRADFORD | EMERSON | KLOSS NOVABEAM | NIKKO | SCOTT | TOTEVISION |
| BROKSONIC | FISHER | KTV | NTC | SEARS | UNIVERSAL |
| BROKWOOD | FUJITSU | LODGENET | ONWA | SHARP | VICTOR |
| CANDLE | FUNAI | LOGIK | OPTIMUS | SHOGUN | VIDTECH |
| CAPEHART | FUTURETECH | LUXMAN | OPTONICA | SIGNATURE | VIKING |
| CELEBRITY | GE | LXI | ORION | SIMPSON | WARDS |
| CENTURION | GIBALTER | MEGATRON | PANASONIC | SONIC | XR-1000 |
| CITIZEN | GOLDSTAR | MAGNAVOX | PHILCO | SONY | YAMAHA |
| CLAIRTONE | GRUNDY | MAJESTIC | PHILIPS | SOUNDESIGN | ZENITH |
| CLASSIC | HALLMARK | MARANTZ | PIONEER | SQUAREVIEW | |
| CLP CLASSIC | HARVARD | MATSUI | PORTLAND | | |
| COLORTYME | HITACHI | MEI | PRICE CLUB | STARLITE | |

vcrs

| | | | | | |
|----------------|---------------|----------------|-------------|-------------|----------------|
| ADMIRAL | CURTIS-MATHES | INSTANT REPLAY | MITSUBISHI | QUARTZ | TASHIKO |
| ADVENTURA | DAEWOO | INTEQ | MONTGOMERY/ | QUASAR | TATUNG |
| AIKO | DAYTRON | JCL | WARD | RADIO SHACK | TEAC |
| AIWA | DBX | JC PENNEY | MOTOROLA | RCA | TECHNICS |
| AKAI | DYNATECH | JENSEN | MTC | REALISTIC | TEKNIKA |
| ALLEGRO | ELECTROHOME | JVC | MULTITECH | RICOH | TOSHIBA |
| AMERICAN HIGH | ELECTROPHONIC | KENWOOD | NEC | RUNCO | TOTEVISION |
| ASHA | EMERSON | KLH | NIKKO | SAMSUNG | TMK |
| AUDIO DYNAMICS | FISHER | KODAK | OLYMPUS | SANSUI | UNITECH |
| AUDIOVOX | FUJI | LLOYD | OPTIMUS | SANYO | VECTOR/ |
| BELL & HOWELL | FUNAI | LOGIK | OPTONICA | SCOTT | RESEARCH |
| BEAUMARK | GARRARD | LXI | PANASONIC | SEARS | VICTOR |
| BROKSONIC | GE | MAGNAVOX | PENTAX | SHARP | VIDEO CONCEPTS |
| CALIX | GOLDSTAR | MARANTZ | PHILCO | SHINTOM | VIDEOSONIC |
| CANDLE | GRADIENTE | MASUSHITA | PHILIPS | SHOGUN | WARDS |
| CANON | HARLEY/ | MEI | PILOT | SIGNATURE | XR-1000 |
| CAPEHART | DAVIDSON | MEMOREX | PIONEER | SINGER | YAMAHA |
| CARVER | HARMAN KARDON | MGA | PORTLAND | SONY | ZENITH |
| CCE | HARWOOD | MGN/ | PROSCAN | STS | |
| CITIZEN | HEADQUARTER | TECHNOLOGY | PROTEC | SYLVANIA | |
| COLORTYME | HITACHI | MIDLAND | PULSAR | SYMPHONIC | |
| CRAIG | HI-Q | MINOLTA | QUARTER | TANDY | |

cable boxes

| | | | | | |
|--------------|----------------|------------|-------------|------------|----------------|
| ABC | CONTEC | JERROLD | RADIO SHACK | SIGNATURE | TOCOM |
| ALLEGRO | EASTERN | MAGNAVOX | RCA | SPRUCER | TOSHIBA |
| AMERICAST | GARRARD | MEMOREX | REALISTIC | STANDARD/ | TUSA |
| ANTRONIX | GC ELECTRONICS | MOVIE TIME | REGAL | COMPONENTS | TV86 |
| ARCHER | GEMINI | NSC | REGENCY | STARCOM | UNIKA |
| CABLETENNA | GENERAL/ | OAK | REMBRANDT | STARGATE | UNITED ARTISTS |
| CABLEVIEW | INSTRUMENT | PANASONIC | RUNCO | STARQUEST | UNITED CABLE |
| CENTURY | HAMLIN | PARAGON | SAMSUNG | STAR TRAK | UNIVERSAL |
| CITIZEN | HITACHI | PHILIPS | SCIENTIFIC/ | TANDY | VIDEOWAY |
| COLOUR VOICE | HYTEK | PIONEER | ATLANTA | TELEVIEW | VIEWSTAR |
| COMTRONICS | JASCO | PULSAR | SIGNAL | TEXSCAN | ZENITH |

Requires 2 (AAA) Batteries (Not Included)
U.S. Patent No. 4,425,647

zenith



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